10/578912

Attorney's Docket No. <u>1034232-000038</u>

AM CAMPONICALON AND MA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re F	Patent Application of)
Keiich	irou KAI et al.)) Group Art Unit:
Applic	ation No.:)) Examiner:
Filed:	May 9, 2006) Confirmation No.:
For:	PROCESS FOR PRODUCING PENTOSE-5-PHOSPHATE ESTER	,))

FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

2. (:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date May 9, 2006

Řobert G. Muka

Registration No. 28,531

P.O. Box 1404 Alexandria, Virginia 22313-1404 (703) 836-6620

IAP20Rec'd PCT/PTO 09 MAY 2006

~ 3	Samuel Control of Mail Control				
Substitute for form 1449A/PTO & 1449B/PTO	Complete if Known				
FIRST	Application Number	40/570012			
INFORMATION DISCLOSURE	Filing Date	80/578912			
STATEMENT BY APPLICANT	First Named Inventor	Keiichirou Kai et al.			
(use as many sheets as necessary)	Examiner Name				
Sheet 1 of 1	Attorney Docket Number	1034232-000038			

U.S. PATENT DOCUMENTS						
Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant Issue/Publ of Cited Document (MM-Di			
-						
		 				

FOREIGN PATENT DOCUMENTS											
							ST	ATUS			
Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
Table 1	9-37785*	A	JP	02-10-1997		8 -1	T- 11	X		X*	
	64-27484*	Α	JP	01-30-1989						X*	X
	01/14566*	A1	WO	03-01-2001							Х
											-

	NON-PATENT LITERATURE DOCUMENTS					
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
	SCHIMMEL et al., "Deoxyribokinase from Salmonella typhimurium," Archives of Biochemistry and					
	Biophysics, 1974, p 560, Vol. 164*					
	MIHARA et al., "Acid Phosphatase/Phosphotransferases from Enteric Bacteria," Journal of Bioscience and					
	Bioengineering, 2001, pp 50-54, Vol. 92, No. 1*					
	BURKART, "Metabolic engineeringa genetic toolbox for small molecule organic synthesis," Org. Biomol.					
	Chem., 2003, pp 104, Vol. 1, The Royal Society of Chemistry*					

^{*}Copy attached.

Signature Considered	Examiner	 Date	
	Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.